

## Mission Science 4/24-25

Submitted by wpetersen on Thu, 04/25/2013 - 09:52

Date:

Thursday, April 25, 2013 - 09:30

Discussion:

NPOL setup progressing well. Pedestal and riser in place and balanced "the best they have ever been balanced" according to NPOL group. All level. Waveguide run was also completed on 4/24. Antenna reflector being assembled AM of 4/25 and crane will be out at noon 4/25 to put reflector onto base. This is the major milestone for setup. Assuming we are radiating by weekend; we will look to get an early ZDR cal done in some light precip that may show up Sunday night into Monday. Monday, Dave and Walt will work scans into shape and get prepped for event that occurs on Wednesday (progged). NPOL Skype laptop sent out today so will get that set up as well.

D3R is setup and awaiting NPOL finish to run power, comms/network etc. into science cabin.

IFC making progress on gauge data display/distribution (all data is being stored in database regardless). Four Iowa City gauge sites were flooded (well, older version e-boxes were) so those are being repaired. Witek reports addition of U. Wyoming four platform (gauge triplets) addition to project together with another MRR and a French 1-D disdrometer. Instruments to be placed east of Cedar Rapids airport (about 75 km from NPOL and within the narrow sector along SE ray).

X-POL- Group from Switzerland has arrived to help Iowa get things squared away with X-band radars (Alexis Berne's group; uses same type of radar in Switzerland).

Mike Cosh reports that all 15 ARS gauge/soil stations are out- 8 are reporting (all should be collecting). They will need to go back and check on 7 locations not currently reporting via remote comms. Mike said they will do a weekly upload of data to the FTP site (DAAC has FTP site for data pull).

Matt Wingo: one location with temporary power outage, all else functioning well at the moment.

Portal walk through Friday morning after weather discussion (WebEx instructions will be sent out from GHRC).

Things are looking good.

WAP

---